

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	9259	(encod\$4 and decod\$4) with channel	USPAT	OR	OFF	2006/12/11 05:13
L2	1701	(los\$4 adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:13
L3	144	L1 and L2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:13
L8	1	(encod\$4 and decod\$4) with channel with (los\$4 near frame)	USPAT	OR	OFF	2006/12/11 05:30
L9	1	(encod\$4 and decod\$4) with channel with (los\$4 near frame)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:31
L10	91	(encod\$4 and decod\$4) with (los\$4 near frame)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:30
L11	6	10 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:42
L12	11	(encod\$4 and decod\$4) with channel with (eras\$4 near frame)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:41
L13	0	(\$2cod) with channel with (eras\$4 near frame)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:42

## EAST Search History

L14	27	(cod\$4) with channel with (eras\$4 near frame)	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:42
L15	5	14 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:42
L35	13	("4807033"   "4827339"   "4935953"   "4989088"   "4996594"   "5014267"   "5365265"   "5534928").PN. OR ("5608450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 06:04
L36	20	("4910794"   "5396516"   "5638408"   "5673266"   "5701294"   "5734967"   "5794180"   "5825761"   "5828672"   "5907555"   "5940439"   "5970443"   "5974106"   "6108374").PN. OR ("6529730").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/11 06:05
S1	32451	encoder and decoder	USPAT	OR	OFF	2006/02/20 20:12
S2	18845	S1 and channel	USPAT	OR	OFF	2006/02/20 12:26
S3	7616	S2 and rates	USPAT	OR	OFF	2006/02/20 12:26
S4	22	S3 and (type adj coder)	USPAT	OR	OFF	2006/02/20 12:41
S5	21	(encoder and decoder) with channel with rates	USPAT	OR	OFF	2006/12/09 17:17
S6	4	(encoder and decoder) with channels with rates	USPAT	OR	OFF	2006/02/20 12:38
S7	5013	lost and packet and rates	USPAT	OR	OFF	2006/02/20 14:22
S8	0	S7 and (jitter adj estimator)	USPAT	OR	OFF	2006/08/14 16:37
S9	21	(jitter adj estimator)	USPAT	OR	OFF	2006/02/20 12:39
S10	12	S9 and encoder and decoder	USPAT	OR	OFF	2006/02/20 12:39
S11	12	S10 and rates	USPAT	OR	OFF	2006/02/20 12:39
S12	0	S11 and channels	USPAT	OR	OFF	2006/02/20 12:39
S13	12	S11 and channel	USPAT	OR	OFF	2006/02/20 12:40
S14	0	S13 and packet	USPAT	OR	OFF	2006/02/20 12:39
S15	0	S13 and packets	USPAT	OR	OFF	2006/02/20 12:40
S16	0	S4 and (encoder and decoder) with channel with rates	USPAT	OR	OFF	2006/02/20 12:41
S17	12	S3 and (type adj coders)	USPAT	OR	OFF	2006/02/20 12:41

## EAST Search History

S18	79	(coder) with channel with rates	USPAT	OR	OFF	2006/02/20 13:15
S19	0	(coder) with channel with rates with each	USPAT	OR	OFF	2006/02/20 13:16
S20	0	(coder) with channel with rates with each	USPAT	OR	ON	2006/02/20 13:16
S21	40	(coder) with channel with rates with differen\$4	USPAT	OR	ON	2006/02/20 13:16
S22	0	lost adj frame adj rates	USPAT	OR	OFF	2006/02/20 14:22
S23	0	(lost adj frame) with rates	USPAT	OR	OFF	2006/02/20 14:22
S24	11	(lost with frame) with rates	USPAT	OR	OFF	2006/12/09 17:01
S25	21	(jitter adj estimator)	USPAT	OR	OFF	2006/02/20 14:26
S26	72	(jitter adj estimat\$4)	USPAT	OR	OFF	2006/02/20 14:31
S27	38	S26 and channel	USPAT	OR	OFF	2006/02/20 15:06
S28	287925	background and noise	USPAT	OR	OFF	2006/02/20 15:06
S29	4127	S28 and coder and channel	USPAT	OR	OFF	2006/02/20 15:07
S30	3668	S28 and coder and channel and rate	USPAT	OR	OFF	2006/02/20 15:22
S31	67	S28 and (type near coder) and channel and rate	USPAT	OR	OFF	2006/02/20 15:27
S32	0	S31 and S18	USPAT	OR	OFF	2006/02/20 15:27
S33	0	S31 and S21	USPAT	OR	OFF	2006/02/20 15:28
S34	570	differen\$ with cod\$4 with channel with rate	USPAT	OR	ON	2006/02/20 15:31
S35	312	S34 and noise	USPAT	OR	ON	2006/02/20 15:33
S36	3	S35 and (jitter with estimat\$4)	USPAT	OR	ON	2006/02/20 15:30
S37	90	differen\$3 with (assign\$4 or select\$4) with cod\$4 with channel with rate	USPAT	OR	ON	2006/02/20 15:33
S38	55	S37 and noise	USPAT	OR	ON	2006/02/20 15:34
S39	4	S38 and jitter	USPAT	OR	ON	2006/02/20 15:33
S40	230	source with rate with request	USPAT	OR	OFF	2006/02/20 16:10
S41	19	call with discriminator with request	USPAT	OR	OFF	2006/02/20 16:11
S42	0	S40 and S41	USPAT	OR	OFF	2006/02/20 16:11
S43	156	lost with frame with rate	USPAT	OR	OFF	2006/02/20 16:11
S44	38	S43 and jitter	USPAT	OR	OFF	2006/02/20 16:11
S45	10	S44 and S40	USPAT	OR	OFF	2006/02/20 16:11
S46	0	noise with "45dbm"	USPAT	OR	OFF	2006/02/20 20:13
S47	4	noise with "45 dBm"	USPAT	OR	OFF	2006/02/20 20:13
S48	10	noise with "-45 dBm"	USPAT	OR	OFF	2006/02/20 20:13

## EAST Search History

S49	7	lost adj frame adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:17
S50	253	lost with rate with (encod\$4 or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:36
S51	77	S50 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:37
S52	1644	los\$3 with rate\$2 with (encod\$4 or cod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:37
S53	570	S52 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:49
S54	0	S53 and (jitter adj estimat\$4)	USPAT	OR	OFF	2006/08/14 16:47
S55	37669	(assign\$4 or select\$4 or choos\$4) with encode\$4	USPAT	OR	OFF	2006/08/14 16:48
S56	973	(assign\$4 or select\$4 or choos\$4) with encode\$4 with (noise\$4 or los\$4 or congest\$4 or jitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:48
S57	442	S56 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/14 16:49
S58	223	S57 and channel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 10:01
S59	974	(assign\$4 or select\$4 or choos\$4) with encode\$4 with (noise\$4 or los\$4 or congest\$4 or jitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 10:22

## EAST Search History

S60	442	S59 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 10:22
S61	80	S60 and channel\$2 and "375"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 10:04
S62	88	(assign\$4 or select\$4 or choos\$4) with encode\$4 with (noise\$4 or los\$4 or congest\$4 or jitter) with channel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:53
S63	40	S62 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:13
S64	162188	type with (cod\$6 or encod\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:12
S65	5395	type with (cod\$6 or encod\$4) with channel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:17
S66	2340	S65 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:17
S67	0	S66 and noise\$4 and (los\$4 near rate) and congest\$4 and jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:18
S68	0	S66 and noise\$4 and (los\$4 near rate) and congest\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:15
S69	2	S66 and noise\$4 and (los\$4 near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:15

## EAST Search History

S70	860	type with (cod\$6 or encod\$4) with channel\$2 with (assign\$4 or select\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:17
S71	367	S70 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:23
S72	0	S71 and noise\$4 and (los\$4 near rate) and congest\$4 and jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:15
S73	117	S71 and noise\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:18
S74	0	S71 and noise\$4 and (lost\$2 near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:19
S75	0	S71 and (lost\$2 near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:19
S76	9	S71 and (lost\$2 with rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 15:22
S77	81	(select\$4 or determin\$4 or assign\$4) with type with encoder with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:14
S78	36	S77 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:46
S79	24	S78 and (noise\$4 or los\$4 or congest\$4 or jitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:46

## EAST Search History

S80	1	S78 and congest\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:07
S81	2	S78 and delay with estimat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:07
S82	2013	(select\$4 or determin\$4 or assign\$4) with encoder with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:44
S83	2	S82 and noise\$4 and (los\$4 near rate) and congest\$4 and jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:45
S84	20112	(select\$4 or determin\$4 or assign\$4) with (code\$4 or decoder or encoder) with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:45
S85	0	S84 and noise\$4 and (lost\$4 near rate) and congest\$4 and jitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:45
S86	8669	S84 and (noise\$4 or (lost\$4 with rate) or congest\$4 or jitter)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:12
S87	3681	S86 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/11 05:30
S88	169	S84 and ((noise\$4 and (lost\$4 with rate)) or (congest\$4 and jitter))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:47
S89	66	S88 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/15 16:47

## EAST Search History

S90	20133	(select\$4 or determin\$4 or assign\$4) with (code\$4 or decoder or encoder) with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:20
S91	184	S90 and (lost\$4 with rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:07
S92	76	S91 and @ad<="19990709"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 07:14
S93	3	S90 and (lost\$4 near frame near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 09:19
S94	15	S90 and (lost\$4 with frame with rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:00
S95	2	("6882711").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:06
S96	2	("6549587").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:17
S97	4	S90 same (lost\$4 with rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:08
S98	8	S90 same (lost\$4 with frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 10:08
S99	339635	(select\$4 or determin\$4 or assign\$4) with (code\$4 or decoder or encoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:21

## EAST Search History

S10 0	130264	S99 and rate\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:21
S10 1	247	S100 and (lost adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:21
S10 2	30627	(select\$4 or determin\$4 or assign\$4) adj (code\$4 or decoder or encoder)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:26
S10 3	198	S101 and channel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:22
S10 4	28	S102 and (lost adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:21
S10 5	28	S104 and rate\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:21
S10 6	27	S105 and channel\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:22
S10 7	13	(select\$4 or determin\$4 or assign\$4) with (code\$4 or decoder or encoder) with (lost adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:35
S10 8	32	(select\$4 or determin\$4 or assign\$4) with (code\$4 or decoder or encoder) same (lost adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/18 16:35
S10 9	7	lost adj frame adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:45

## EAST Search History

S11 0	12	lost with frame with rates	USPAT	OR	OFF	2006/12/09 17:02
S11 1	0	lost with frame with rates with channel	USPAT	OR	OFF	2006/12/09 17:03
S11 2	0	lost with frame with rates with channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:03
S11 3	11	lost with frame with rate with channel	US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:03
S11 4	7	lost adj frame adj rate\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:06
S11 5	7	lost\$4 adj frame adj rate\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:05
S11 6	7	lost\$4 adj frame\$4 adj rate\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:05
S11 7	0	lost\$4-frame\$4-rate\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:06
S11 8	0	lost-frame-rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:06
S11 9	35	(lost adj frame) with rate\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:08

## EAST Search History

S12 0	5	(lost adj frame) with rate\$4 with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:08
S12 1	5	(lost adj frame) with rate\$4 with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:10
S12 2	18	(lost adj frame) with channel	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:22
S12 3	4104	(encoder and decoder) with channel	USPAT	OR	OFF	2006/12/09 17:31
S12 4	115	(encoder and decoder) with channel with associat\$4	USPAT	OR	OFF	2006/12/09 17:18
S12 5	90	S124 and @ad<="19990709"	USPAT	OR	OFF	2006/12/09 17:44
S12 6	588	(lost adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:41
S12 7	0	S124 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:23
S12 8	194	"220" and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:23
S12 9	14	S123 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:32
S13 0	6	("5699478"   "5778338"   "6085158"   "6240386"   "6385578"   "6636829").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/12/09 17:24
S13 1	9259	(encod\$4 and decod\$4) with channel	USPAT	OR	OFF	2006/12/11 05:24

## EAST Search History

S13 2	31	S131 and S126	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:43
S13 3	17	S132 not S129	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:43
S13 4	1701	(los\$4 adj frame)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:42
S13 5	144	S131 and S134	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:43
S13 6	0	S132 not S135	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:43
S13 7	113	S135 not S132	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:44
S13 8	91	S137 and @ad<="19990709"	USPAT	OR	OFF	2006/12/09 17:44
S13 9	34	los\$4 adj frame adj rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/12/09 17:45